

UTA Board of Trustees Meeting

February 23, 2022



Call to Order and Opening Remarks



Pledge of Allegiance



Safety First Minute



Public Comment

Live comments are limited to 3 minutes per commenter

Public comment was solicited prior to the meeting through alternate means, including email, telephone, and the UTA website

Any comments received through alternate means were distributed to the board for review in advance of the meeting



Consent Agenda

- a. Approval of February 09, 2022 Board Meeting Minutes
- b. UTA Policy – UTA.02.01 Spending Authority Policy
- c. UTA Policy – UTA.02.02 Contracting Authority Policy
- d. UTA Policy – UTA.02.05 Procurement Policy
- e. UTA Policy – UTA.02.06 Accounts Receivable Adjustments Policy



Recommended Action (by acclamation)

Motion to approve the consent agenda.



Reports



Agency Report

- Delegated Authority for On Call Infrastructure Maintenance Task Orders - Status Updates
- Clean Cities Award



Delegated Authority for On Call Infrastructure Maintenance Task Orders - Status Update



On-Call Infrastructure Maintenance and Repair Task Ordering Contract (UTA 20-03349VW) for 2021



Resolution Background

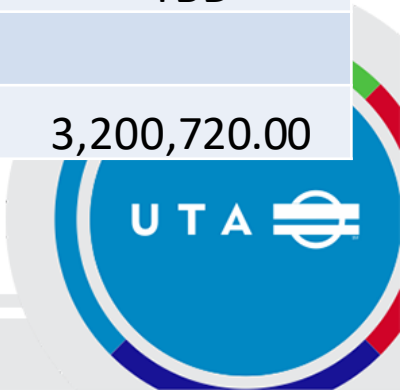
Resolution R2021-05-02 was approved by the Board at the May 26, 2021 meeting delegating authority to the Executive Director to approve task orders for the on-going tasks listed in Exhibit A attached to the resolution.

Per the resolution, the Executive Director is to present an update to the Board on all task orders.



Resolution Task Orders

Scope (Project ID)	Not to Exceed Task Order Amount	Actual Task Order Amount
South Stadium Embedded Curve Replacement	\$ 900,000.00	\$ 699,368.00
North Stadium Embedded Curve Replacement	\$ 900,000.00	\$ 699,368.00
Mario Capecchi Embedded Curve Replacement	\$ 900,000.00	\$ 627,383.00
Winchester Avenue Grade Crossing Replacement	\$ 350,000.00	\$ 368,713.00
3200 West Grade Crossing Replacement	\$ 350,000.00	\$ 242,974.00
8120 South Grade Crossing Replacement	\$ 250,000.00	\$ 128,614.00
Operator Relief Rooms	\$ 434,000.00	\$ 434,300.00
Gap Filler on Frontrunner Stations	\$ 1,000,000.00	\$ TBD
Total	\$ 5,084,000.00	\$ 3,200,720.00



Update - Signed Task Orders

Scope (Project ID)	Not to Exceed Task Order Amount	Update
3200 West Grade Crossing Replacement	\$ 350,000.00	Task order signed for \$242,974 and work was completed in June.
Operator Relief Rooms	\$ 434,000.00	Task order signed for \$434,300. The 3900 South project is in the utility phase and the University project is in the permitting phase.



Update - Signed Task Orders (continued)

Scope (Project ID)	Not to Exceed Task Order Amount	Update
North and South Stadium Embedded Curve Replacement	\$ 1,800,000.00	Task Order signed for \$1,398,736. Work was completed in August.
Mario Capecchi Embedded Curve Replacement	\$ 900,000.00	Task Order signed for \$627,383. Work was completed this October.



Update - Task Orders in Scope Development or postponed until 2022

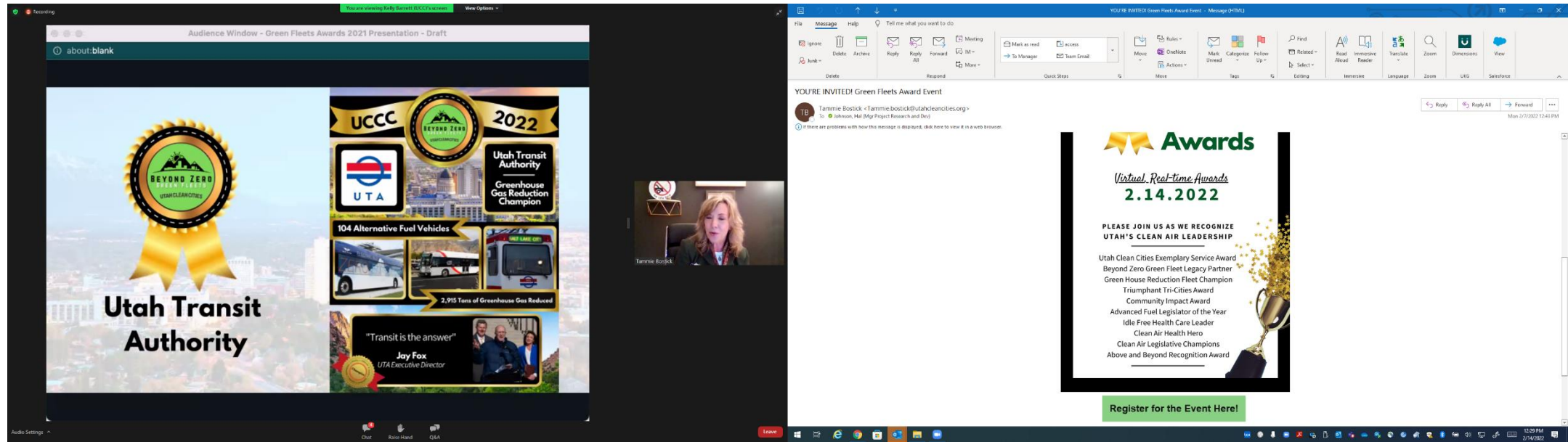
Scope (Project ID)	Not to Exceed Task Order Amount	Update
Gap Filler on Frontrunner Stations	\$ 1,000,000.00	Item will be coming to the board in a separate material procurement
Winchester Avenue Grade Crossing Replacement	\$ 350,000.00	Work scheduled for early spring 2022 final estimated cost is \$368,713.00
8120 South Grade Crossing Replacement	\$ 250,000.00	Work scheduled for early spring 2022 final estimated cost is \$128,614.00



Clean Cities Award



Utah Clean Cities Award: Greenhouse Reduction Champion



UTAH TRANSIT AUTHORITY



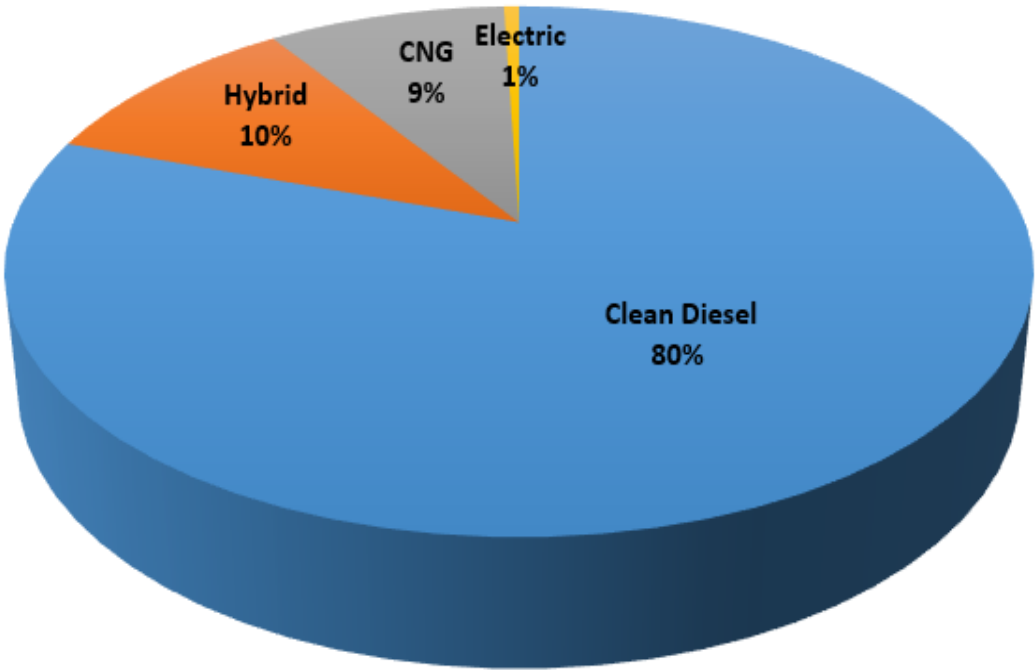
UTA Electric Fleet

- Light Rail 117
- Battery Buses
 - 3 in service
 - Coming Soon!
 - 11 in production Ogden BRT
 - 20 under contract VW settlement funds
 - 3 Park City No Low
 - 10 Tooele electric shuttles (not noted in bus fleet numbers)



2021 Bus Fleet Composition

PROPULSION TYPE	QUANTITY
CLEAN DIESEL	423
HYBRID	54
CNG	47
ELECTRIC	3
TOTAL	527



■ Clean Diesel ■ Hybrid ■ CNG ■ Electric

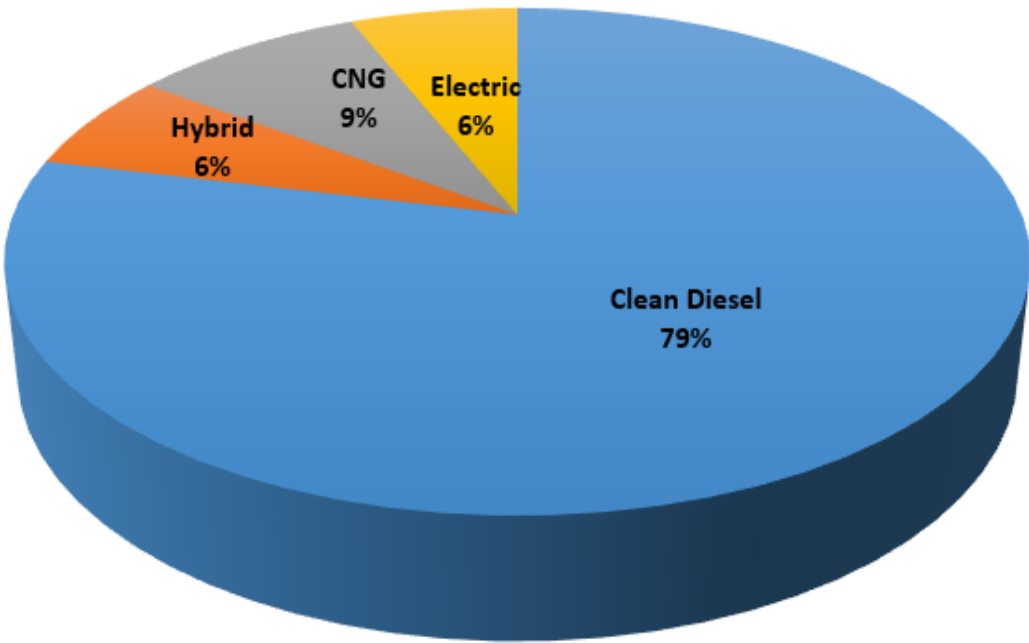
- Hybrid
 - 45 (Timpanogos Service Unit)
 - 9 (Mt. Ogden Service Unit)
- CNG
 - 47 (Salt Lake Service Unit)
- Battery Electric
 - 3 (Salt Lake Service Unit)



2023 Bus Fleet Composition

2023 BUS FLEET

PROPULSION TYPE	QUANTITY
CLEAN DIESEL	423
HYBRID	34
CNG	47
ELECTRIC	34
TOTAL	538



■ Clean Diesel ■ Hybrid ■ CNG ■ Electric

- Hybrid
 - 25 (Timpanogos Service Unit)
 - 9 (Mt. Ogden Service Unit)
- CNG
 - 47 (Salt Lake Service Unit)
- Battery Electric
 - 23 (Salt Lake Service Unit)
 - 11 (Mt. Ogden Service Unit)



Bus performance (MPG) Diesel, CNG, Battery

	Clean Diesel (MPG)	CNG (MPG equivalent)	Battery (MPG equivalent)
UTA	5.25	3.88	15.10*
National average	4.60	2.99	17.09
Comparison	14 %	30 %	(11.6) %

1. UTA performance is from 2020
2. National averages are from 2018 NTD

- UTA buses (diesel & CNG) operate more efficiently due to eco driving practices and anti idling policy implementation
- *UTA operates the battery buses on the Route 2 to the University of Utah which has a significant grade change. Hill climbing uses extra energy.



Clean Fleet Air Quality Monitoring Network

UTA hosts the worlds largest network of research grade mobile air quality monitors

UTA electric buses being outfitted with air quality monitors for better data, better policies

By Emily Ashcraft, KSL.com | Posted - Oct. 8, 2021 at 7:06 p.m.



Air quality monitors are installed on top of a Utah Transit Authority electric bus on Friday, to get air quality readings from more locations in Salt Lake County. (Emily Ashcraft, KSL.com)



Bus Emissions Savings Benefits

- In 2019, from those who rode transit instead of driving a car, UTA produced a net savings of over 356 tons of criteria air pollutants (NO_x, SO_x, CO, HC, PM) across the Wasatch Front.
- In 2020, with reduced ridership and response to a pandemic UTA was able to produce a net savings of 186 tons.



Light Rail Fleet Emission Savings

Criteria Air Pollutants Mitigated By TRAX - Tons			
Emission Reductions from Riders	Transit Emissions		Net Savings
206	53		153
Greenhouse Gas Savings From TRAX - Tons			
Emission Reductions from Riders	Transit Emissions		Net Savings
12,948	18,209		-5,261
Gasoline Gallon Equivalents Saved By TRAX			
Fuel Not Consumed by Riders	TRAX Energy Equivalents		Net Savings
1,022,123	1,150,020		-127,897



Government Relations and Legislative Update



Resolutions



R2022-02-02

**Resolution Appointing Officers and
Setting Compensation for District Officers
and Employees**



Salary Structure

- Salary structure is updated reflecting a 2% increase in the midpoint of the pay structure.
- Additionally, a number of positions will receive market adjustments per UTA's compensation program/policy
- Updates are critical to keep UTA competitive in the market



Recommended Action (by roll call)

Motion to approve R2022-02-02 Resolution Appointing Officers and Setting
Compensation for District Officers and Employees



Contracts, Disbursements, and Grants



Contract: Amendment No.1 to Executive Director Employment Agreement

Recommended Action (by acclamation)

Motion to approve Amendment No.1 to Executive Director Employment Agreement, as presented.



Change Order: On-Call Infrastructure Maintenance Contract Task Order #22.36 – Infrastructure Program Management Fees (Stacy and Witbeck)

Recommended Action (by acclamation)

Motion to approve a Change Order with Stacy and Witbeck for On-Call Infrastructure Maintenance Task Order #22.36 – Infrastructure Program Management Fees, as presented.



Change Order: On- Call Quality and Assurance and Material Testing/ Inspection Change Order #2 (CMT Engineering Laboratories)

Recommended Action (by acclamation)

Motion to approve Change Order #2 with CMT Engineering Laboratories
For On-Call Quality and Assurance and Material Testing/ Inspection,
as presented.



Change Order: On-Call Systems Maintenance Contract - Task Order #12- 4700 South Queue Cutter (Rocky Mountain Systems Services)

Recommended Action (by acclamation)

Motion to approve a Change Order with Rocky Mountain Systems Services for On-Call Systems Maintenance Contract - Task Order #12- 4700 South Queue Cutter, as presented.



Pre-Procurements

- Long Range Transit Plan Consultant
- Code Vulnerability Management



Discussion and Potential Action Items



Technical Budget Adjustment – 2022

Capital Budget and Full Time Employee Adjustments



Summary of Budget Request

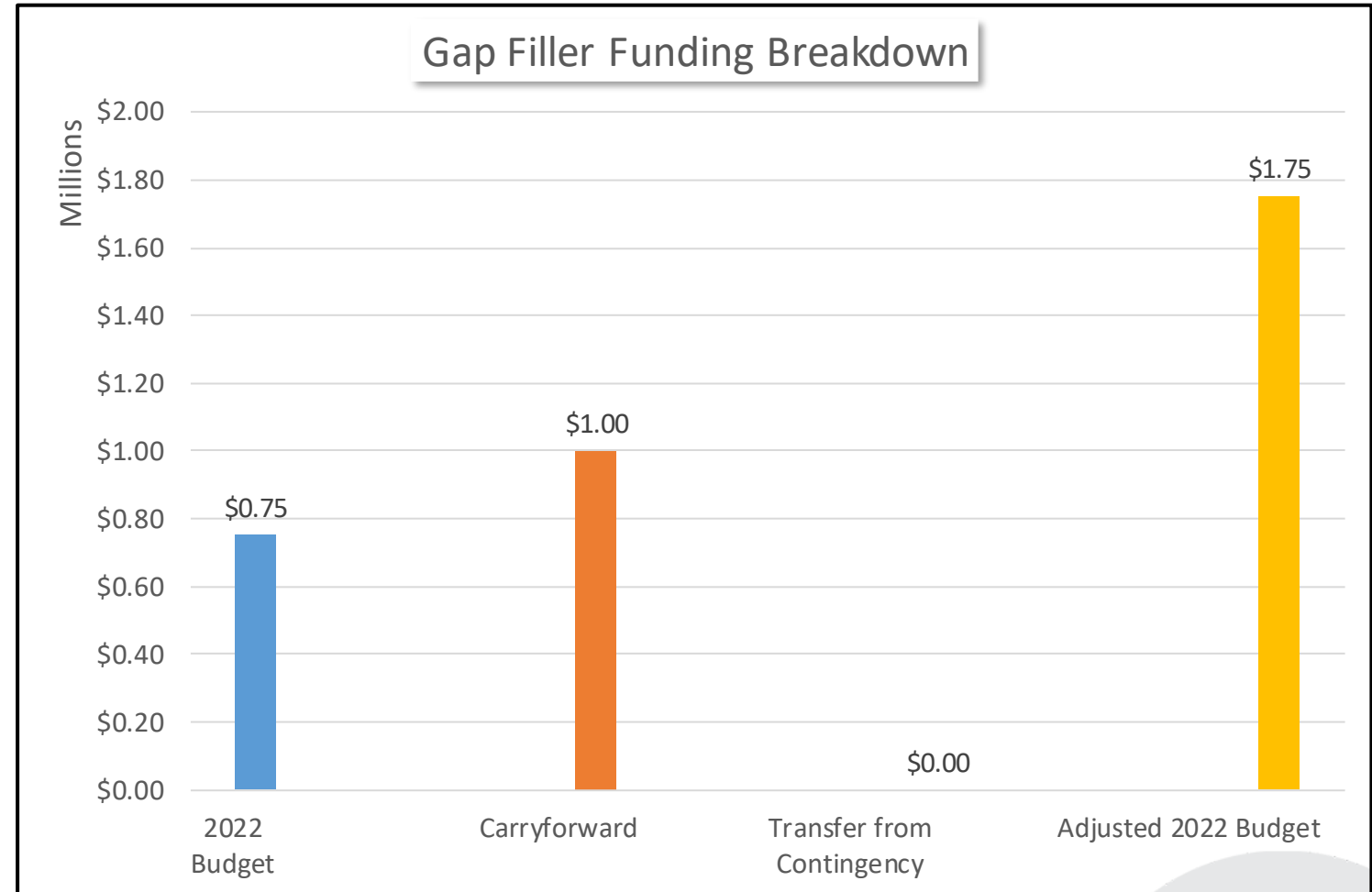
Request seeks to:

- Address identified shortfalls in the 2022 capital budget
 - Carries forward \$3.71M in 2021 Budget Authority
 - Transfers \$950K from contingency to capital projects
 - Recognizes \$400K in new revenue from grant and matching partner funds



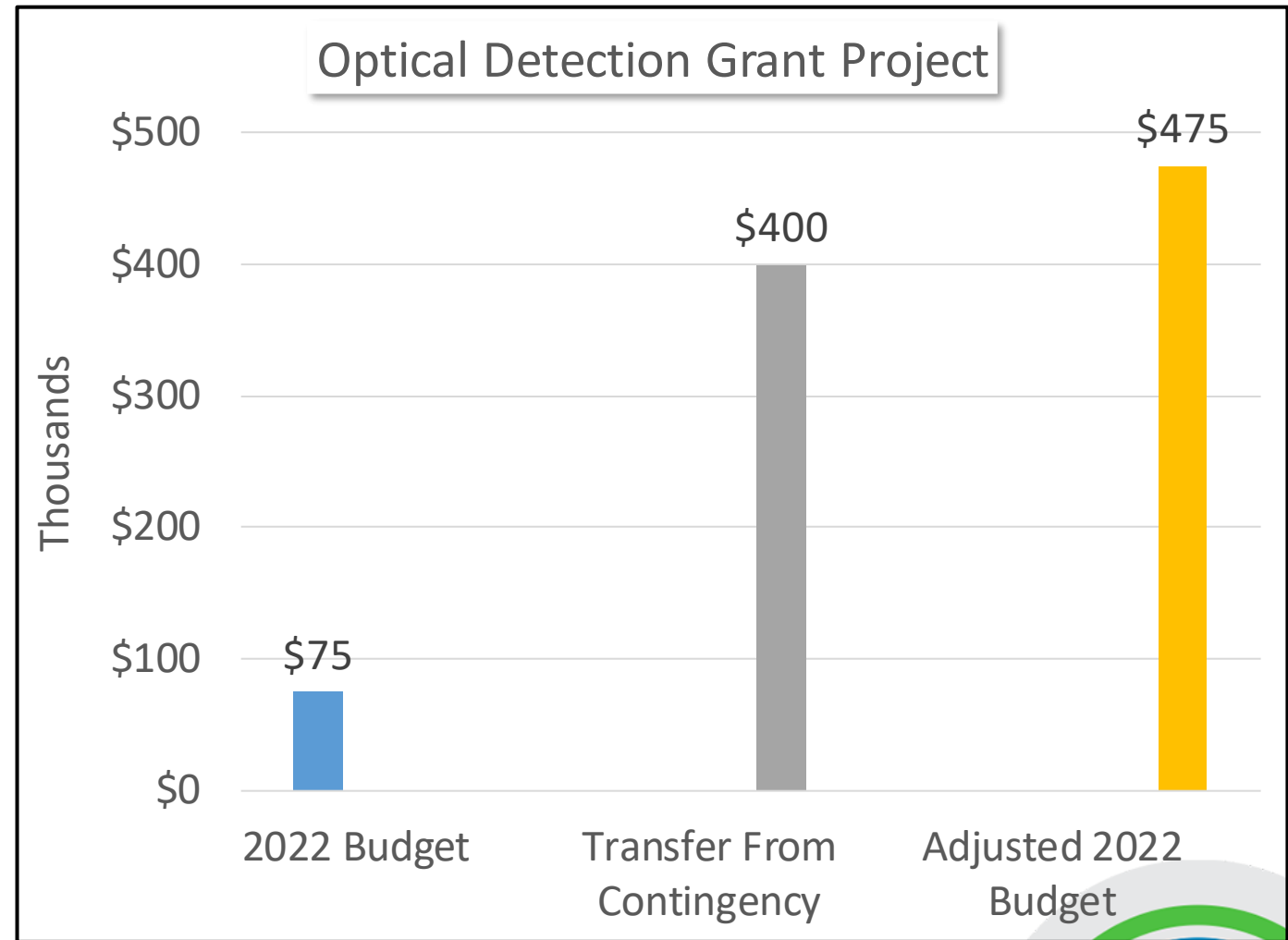
Gap Filler on FrontRunner Stations

- Project adds material to the side of the FrontRunner platforms to lessen gap patrons cross between platform and train entrance
- 2022 Original Budget is \$750,000
- Requesting the following:
 - \$1 M in 2021 Carryforward
- Revised 2022 Budget Authority - \$1.75 Million
- Work will be completed this year



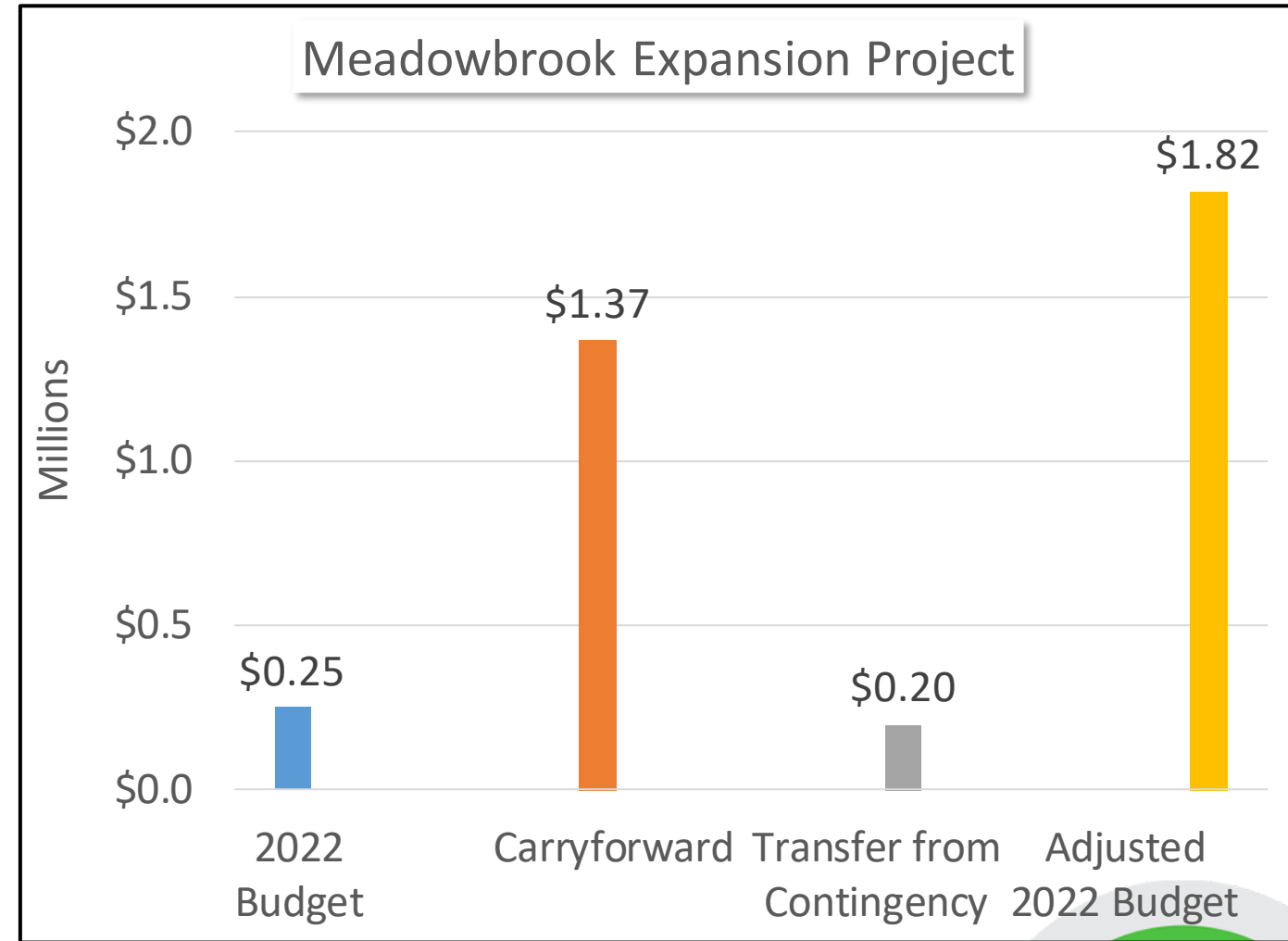
Optical Detection Grant

- This is an FTA research grant funded project to test if an existing industrial scanning technology can be used for rail condition assessment
- 2022 Original Budget is \$75,000
- Requesting the following:
 - \$400,000 Transfer from contingency
 - Recognizing \$400,000 in grant funding and local match in the 5-year financial plan
- Revised 2022 Budget Authority - \$475,000
- Some work may spill into 2023



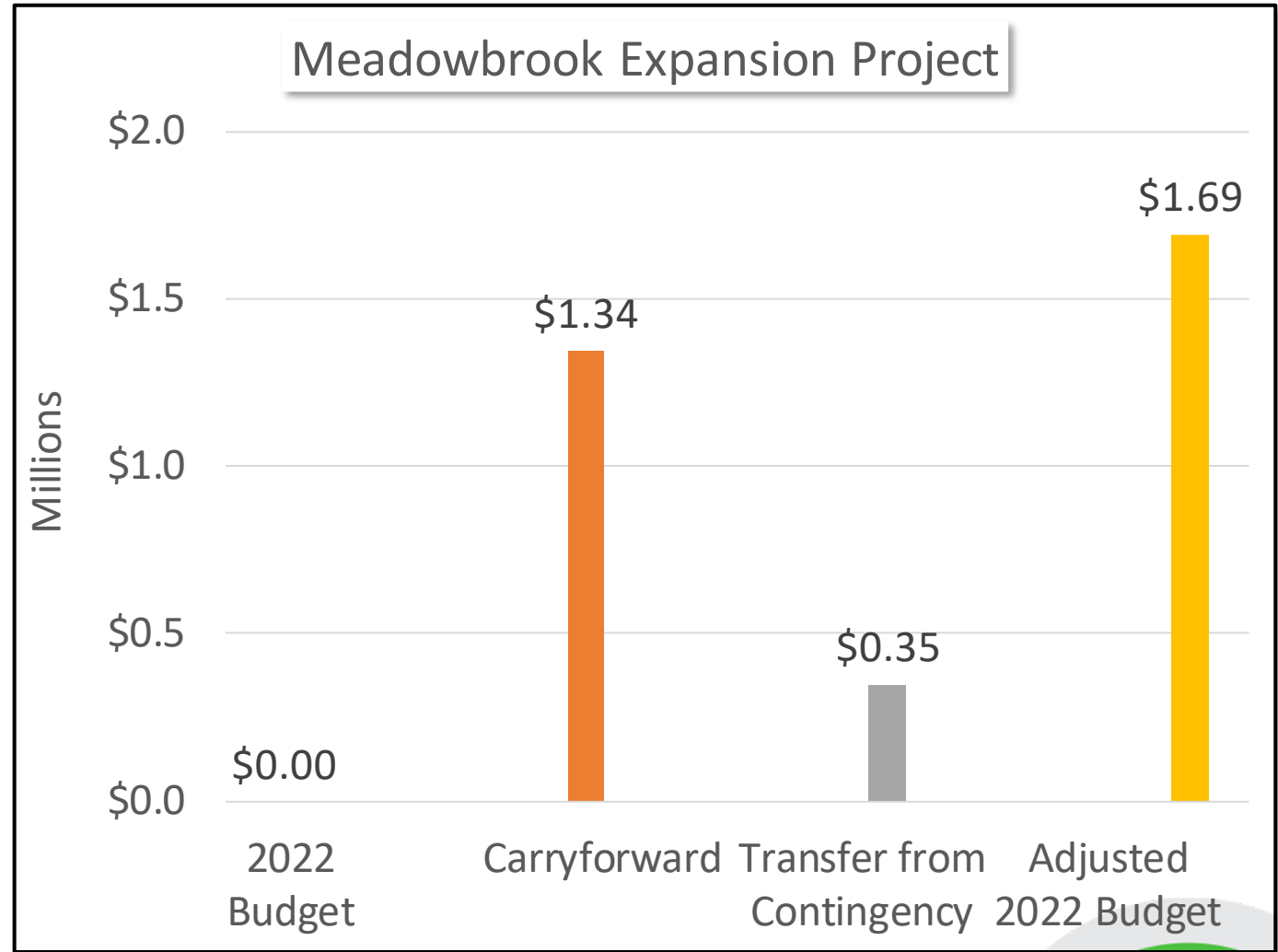
Meadowbrook Expansion Project

- Project expands maintenance area at Meadowbrook Building 3
- 2022 Original Budget is \$250,000
- Requesting the following:
 - \$1.37 M in 2021 Carryforward
 - \$200,000 from Contingency
- Revised 2022 Budget Authority - \$1.82 Million
- Work will be completed this year



Tooele Bus Facility Project

- Project converts old Tooele building into a functional vehicle facility
- 2022 Original Budget is \$0
- Requesting the following:
 - \$1.344 M in 2021 Carryforward
 - \$350,000 from Contingency
- Revised 2022 Budget Authority - \$1.69 Million
- Work will be completed this year



TOD Project Manager

- Originally planned for 2023
- Development of new HQ building has been brought in-house
- Increased workload which has accelerated the need for the position includes:
 - New HQ building
 - Station Area Planning
 - Active TOD projects
 - Future Project Development
- Funded from existing sources – no additional budget authority requested



Questions?



Recommended Action (by acclamation)

Motion to approve a Technical Budget
Adjustment for 2022 Capital Budget and Full
Time Employee Adjustments



2021 UTA Continuous Improvement Highlights



Who We Are

■ Our Mission:

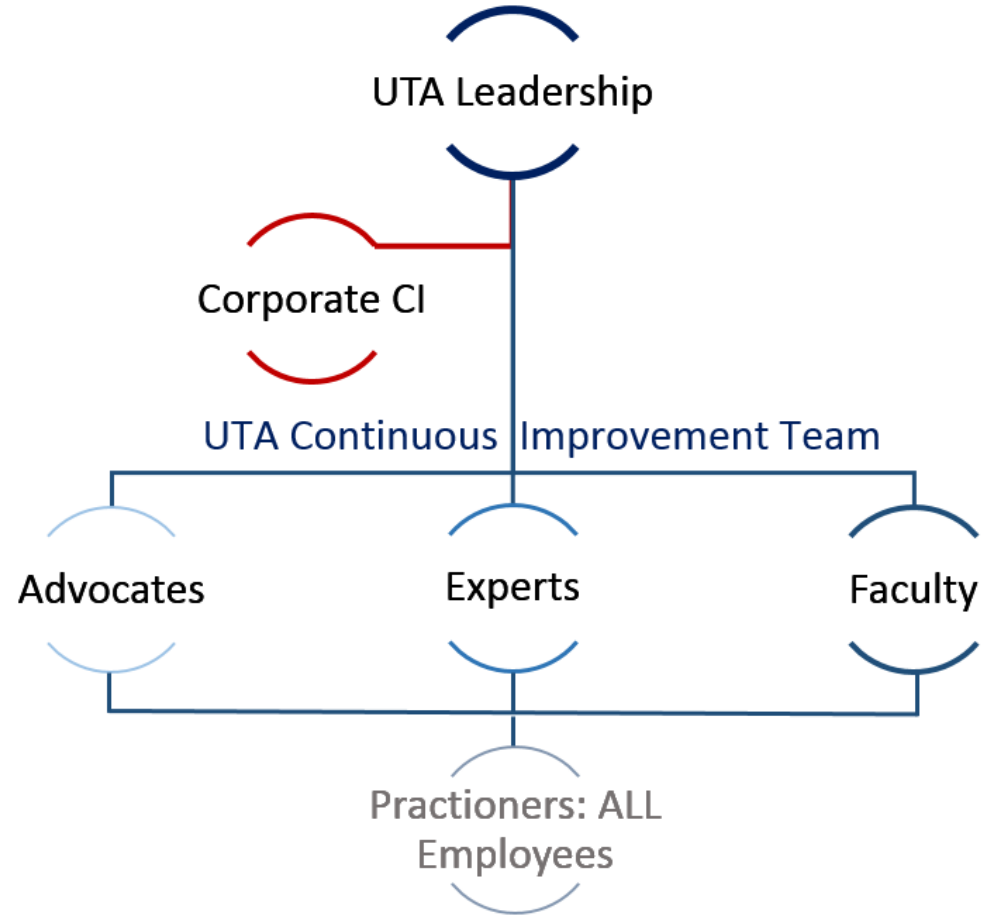
The Continuous Improvement Team is a go-to **resource** to deepen understanding of the UTA Way. We offer **learning** opportunities, skill development, project support and **empower** employees to deliver **quality** results that **improve** our customers' experience and make UTA a great place to work.

■ Our Vision:

Improving the work is the work!



Our Structure



2021 CI Team Demographics

- 45 Team Members in 2021
- 36 Departments represented
- 8 members have promoted or taken on a new role in 2021
- 4 members promoted externally

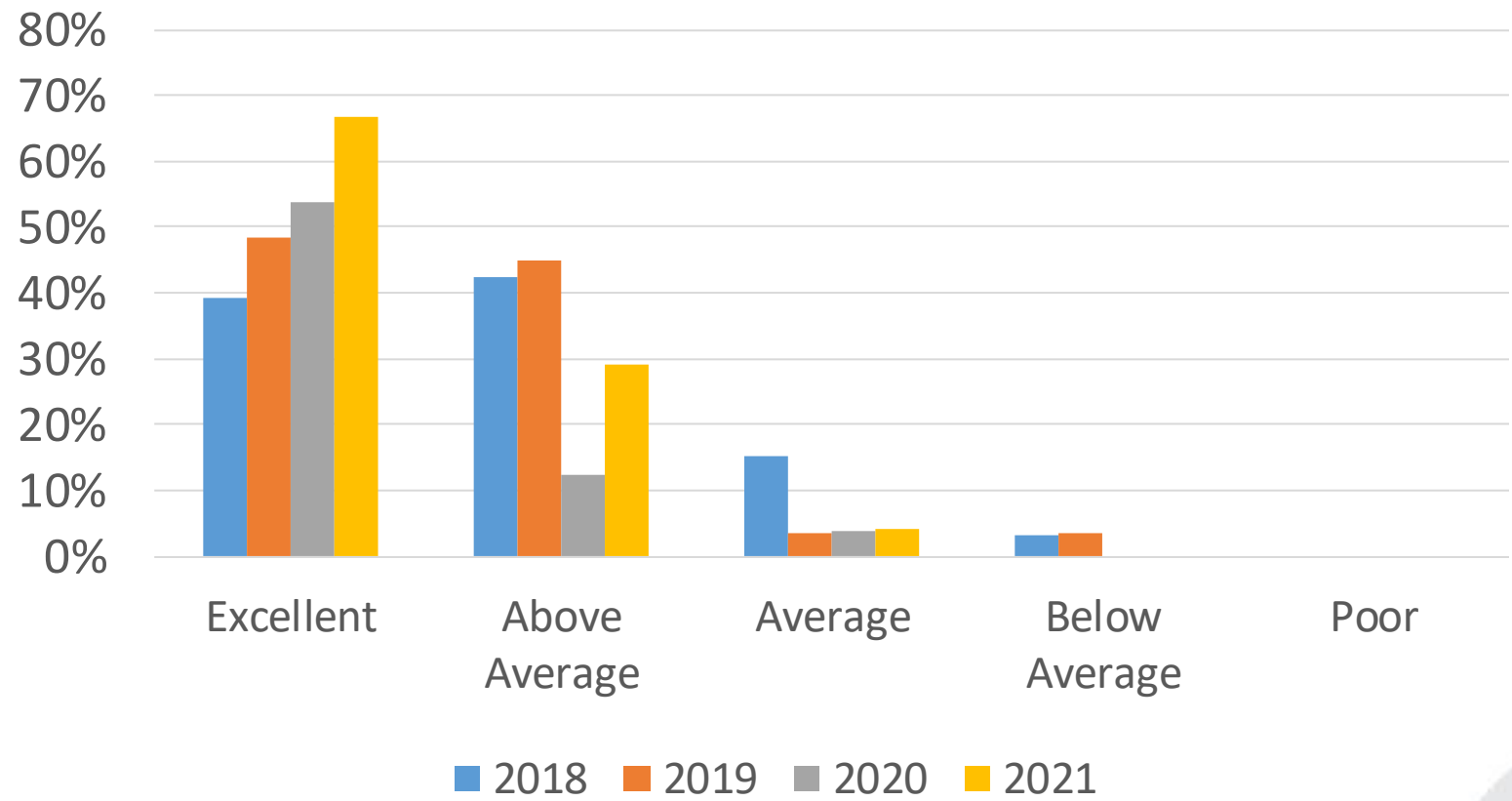


4 Core Goals of UTA's CI Team

- LEARN
- APPLY
- SUPPORT
- COACH & MENTOR



Value of Participating on the Team



Site Tours- Learning From Others

Internal

- Talent Acquisition
- Help Desk
- Operations Planning
- Warm Springs Maintenance



Site Tours – Learning from Others

External Tours:

- WesTech
- King County
- Imperial College of London
- Transformative Leader



LEAN Is A Journey Without A Final Destination

Continuous Improvement

WesTech

Participants in a virtual meeting.



CI Team Certifications

- 10 people achieved their Advocate Certification
- 9 people achieved their Expert Certification
- 4 people maintained their Faculty Certification
and 1 person achieved their Faculty
Certification



Advocate Certification

- Mary Villanueva
- Carol Rogozinski
- Celeste Sloan
- Christine Martinez
- Daisha Montgomery
- Emily Alonzo
- James Duran
- Jordan DiRaddo
- Nick Wilcox
- Stephanie Withers

- Andrew Gray*
- Doraleen Taulanga*
- Eric Jenson*
- Jacob Baker*
- Jeff Reinert*
- Kevin Clark*
- Long Tu*
- Lori Coca*
- Marie Bisel*
- Mercedes Mueller*
- Sandra Stephens*
- Tami Salisbury*

* Certification in progress



Expert Certification

- Alex Beim
- Carson Casey
- Denny Guymon
- Derick Lee
- Jonathan Yip
- Jordan King
- Stacey Adamson
- Trevyn Hatch
- Patrick Brennan
- Jeanette Lancaster*
- Jordan Eves*
- Tina Bartholomew*
- Travis King*
- Tyler Buttars*

* Certification in progress



CI Team Project Highlights

- Team Members have been busy all year helping make improvements to their work, their teams' work and finding better ways of serving our customers.
- Results:
 - Improved efficiency
 - Improved service to customers
 - Improved communication
 - Improved quality
 - Improved learning
 - And so much more!!!



Favorite Part of Being on the Team

enthusiasm innovation coaching difference
support learning tours share
make books tour energy growth snacks
improvement insight snack success
mindset sharing inclusion
collaboration

networking



Parting Words from the Team

- “Awesome program with highly skilled and dedicated people participating in it's growth and sustainability.”
- “This team has been one of the highlights of my career at UTA. I want to thank everyone for making it such a pleasant experience.”



* Please note not all team members are featured



Other Business

- a. Next Meeting: Wednesday, March 09th, 2022 at 9:00 a.m.



Adjourn

